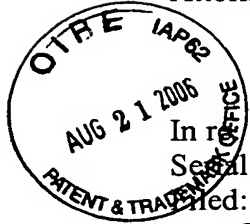


Attorney's Docket No. 5051.631

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Gardner
Serial No. 10/820,632
Filed: April 8, 2004

Art Unit: 2884
Examiner: David S. Baker
Confirmation No.: 8467

For: GAMMA RAY DETECTORS HAVING IMPROVED SIGNAL-TO-NOISE RATIO
AND RELATED SYSTEMS AND METHODS FOR ANALYZING MATERIALS IN AN
OIL WELL

August 17, 2006

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

Applicant provides the present Amendment to address the issues raised in the Office Action mailed April 17, 2006 (the "Action").

If any extension of time for the accompanying response or submission is required, Applicant requests that this be considered a petition therefor. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to Deposit Account No. 50-0220.

Amendments to the Claims are reflected in the Listing of Claims, which begins on page 2 below.

Remarks begin on page 6 below.